

GRANULE FLEXI®

EFFECTIVE IN ITS FLEXIBILITY.





PURE POWER.

In a professional kitchen, you can't spend too much time washing up. Granule pot washing machines from GRANULDISK of Sweden gives you access to innovative, powerful technology to streamline pot washing. More emphasis on food – fewer resources for getting your pots clean.

Traditional pot washing has always been a laborious, resource-intensive task in any production kitchen. GRANULDISK technology has turned things on their head and revolutionised washing-up areas by making hard work easy. Our PowerGranules® blast the pots clean mechanically using high-pressure water and a small amount of chemical. Even stubborn food debris is removed with ease, and this technology saves energy, time and money while also reducing environmental impact and improving the work environment.

Manual pot washing requires soaking, scrubbing and sinks full of water. The GRANULDISK concept represents something completely different. Our pot washing machines take care of the entire job, thus eliminating the need for pre-washing. We refer to this concept quite simply as "No Pre-Washing". In just a few minutes, your pots are both visibly and hygienically clean thanks to a power similar to the efficiency of thousands of people washing by hand. The overall result is a more productive washing-up area and less of the things which cost money and impact upon the environment.





GRANULE FLEXI®

The varying needs of small and medium-sized kitchens require a potwashing machine which is versatile and compact. Granule Flexi® is an efficient solution which is ideal for both à la carte kitchens with mixed potwashing and pure Gastronorm kitchens.

The easy to use Granule Flexi® is the ideal choice for kitchens preparing up to 500 meals per day. Although this machine is very compact and takes up little space, it has a capacity comparable with larger potwashing machines. In one hour, you can wash up to 96 GN 1/1 (200 mm deep) or 192 GN 1/2.

Its flexibility is just as great an advantage. Granule Flexi® comes in two versions. The Flexible edition is

designed for efficient cleaning of both Gastronorm containers and pots, bowls, dishes, pans and grill racks. The second version – the Gastronorm edition – is ideal for kitchens which only use the Gastronorm range for food preparation. The potwashing machine then comes with an insert which makes it easy to wash everything from small GN 1/9 to large GN 2/1.



CONTROL PANEL.

User-friendliness is always a key focus for our control panels and the display, symbols and messages are easy to understand, making it easy to select the correct wash programme. Choose with or without PowerGranules and programme lengths Eco, Short or Normal. When the machine is in use the red indicator is lit and the display changes into a countdown timer, showing the remaining time in large digits.

Wash and rinse tank temperatures are shown in the display at all times and with a simple command, you can view HACCP data for up to 200 of the

previous wash programmes. The display also displays automatic reminders from integrated function GD Memo™ regarding more general maintenance tasks, such as replacing PowerGranules®, changing water in the wash tank or to book a service appointment.



The coloured indicators make it easy to see whether the machine is working (red) or ready for loading or unloading of pots (green).

USB PORT.

The operating system in GRANULDISK pot washers logs all HACCP-essential information for up to 200 wash cycles. The data, containing valuable information such as wash and rinse water temperatures, programme lengths, interruptions and delays is easy to follow up and helps you ensure that your pot wash operation always complies with HACCP protocol.

The cycle data can be accessed and viewed directly via the display in the control panel or downloaded to a USB stick through the built-in USB port in the machine side. Import the data to a computer for storing and for adding it to your HACCP reports.



EFFICIENCY.

GRANULDISK increases efficiency in the washing-up area – one of the most thankless tasks in the kitchen.

ECOLOGY.

Reduce your environmental impact with GRANULDISK – halve your consumption of water, electricity and chemicals.

OUTSTANDING HYGIENE.

We guarantee hygienically clean pots with a surface temperature of at least 72 °C when the wash programme is complete.

ERGONOMICS.

A better work environment and an easier working day – for everyone involved.

EXTRA TIME.

Spend an hour washing up 96 GN 1/1 with Granule Flexi® – instead of spending more than 3-4 hours washing them by hand.

FINANCE.

Investing in a GRANULDISK solution will really pay off – sooner than you think! Our customers normally have a pay-off time of less than 24 months.

POWERGRANULES®

PowerGranules® are specially designed for use with GRANULDISK products. They make your pans and containers visibly and hygienically clean.

PowerGranules® are made of a plastic which has been tested and approved for contact with food. The unique mix of sizes and the composition of the material give you an exceptional removal rate and clean products which shine. The fact is, after using PowerGranules for a time your pans and containers will shine like new.

10 litres | Art no. 22633 20 litres | Art no. 22634

MAINTENANCE.

Our machines are designed to be cleaned simply and efficiently. That's because we know the importance of daily cleaning for optimal wash results. It's every bit as important to make sure that the machine is maintained with regular servicing, ensuring simple and worry-free use and extending the service life of your machine.

Does any part of your machine need to be replaced? We guarantee spare part availability for at least 10 years once the model has been taken out of production.

TECHNICAL DATA.

Design	Gastronorm or Flexible version.
Outer dimensions	1 770 (±25 mm) x 845 x 965 mm (H x W x D)
Loading volume	205 litres (W 600 x H 650 x D 530 mm)
Weight	372 kg (filled machine) 274 kg (empty machine)
Wash tank volume	84 litres
Granule volume	6 litres
Wash water temperature	65 °C
Rinse water temperature	85 °C
Wash programmes with Granules	ECO; 2 min, 30 sec Short; 4 min, 40 sec*** Normal; 6 min, 40 sec***
Wash programmes without Granules	ECO; 2 min, 30 sec Short; 3 min, 40 sec*** Normal; 5 min, 40 sec***
Max capacity per hour	96 GN1/1 or similar in other pots.
Normal capacity per hour	84 GN1/1 or similar in other pots.
Capacity per programme	4 GN1/1 or 8 GN1/2 or 1x GN2/1 + 2x GN1/1, up to 200 mm depth or similar in other pots.
Rinse water volume	4 litres/ECO programme 8 litres/Short and Normal programmes To achieve 3 600 HUE in accordance with NSF/ANSI 3, 8 litres is necessary.
Available voltage**	3~ 400 V/50 Hz + PE 3~ 415 V/50 Hz + PE 3~ 230 V/50 or 60 Hz + PE
Fuses, hot water connection	25A (400V, 415A), 40A (230V)
Fuses, cold water connection	32A (400V, 415A)
Max output, hot water connection	12,3 kW
Max output, cold water connection	17,3 kW
Wash pump motor	3 kW
Rinse pump motor	0,37 kW
Wash tank element*	9 kW, (14 kW cold water connection)
Rinse tank element*	9 kW, (14 kW cold water connection)
Enclosure rating	IPX5
Sound pressure level	<70 dB(A)
Hot water	½" (DN15), 55–65 °C, 3–10 °dH Note: Reverse osmosis water and distilled water must not be used.
Water pressure/flow (hot water)	1–6 bar, 15 litres per minute
Cold water	½" (DN15), 3–10 °dH
Water pressure/flow (cold water)	3–6 bar, 15 litres per minute
Recommended ventilation capacity	500 m³/h (without steam reduction) 150 m³/h (with steam reduction) Note: Steam reduction is factory-fitted for Gran- ule Flexi®. For ECO programmes the factory- fitted steam reduction is not activated.
Drainage pipe	Pipe ø 32 mm
Drain	Capacity requirement 50 l/min The machine must not be placed directly over a drain.
Detergent and drying agent are required	Detergent and drying agent; 230 VAC signal is available from a separate box. Max load total 0.5 A.

* Does not operate simultaneously

** For specific data on machines supplied, please see the rating plate on the machine.

*** 1 min longer with steam reduction.

Granule Flexi® is supplied with a power cable 2 metres long (without a plug) for con-
nection to an approved main switch. The main switch is not included in the delivery.



HIGH CAPACITY.

Washes 4 GN1/1 per pro-
gramme or up to 96 GN1/1 or
192 GN1/2 per hour.



TIME-SAVING.

Clean pots and pans from
2.5 minutes - no pre-
washing needed.



WATER-SAVING.

The ECO programme saves up to 1 100 litres
per day and up to 330 000 litres per year com-
pared with manual washing-up in sinks (400
meals per day, 300 days per year).



SAVING ON CHEMICALS.

Saves up to 2.2 litres per day and up to
660 litres per year compared with manual
washing-up in sinks (400 meals per day,
300 days per year).



FOOD SAFETY.

All programmes of the Granule Flexi®
pot and pan washer comply with
the hygiene guidelines of
the DIN 10512 standard.

ACCESSORIES.

GRANULDISK always allows you to adapt every solution according to your needs. Choose from our range of smart accessories to further increase the capacity of your machine.

(GN) = included in the Gastronorm package. (FLEX) = included in the Flexible package



www.granuldisk.com/granule-flexi-accessories



FIXED INSERT FOR GN CONTAINERS (GN).

ART NO. 13465

To fit GN1/1-1/9 up to 200 mm depth. Capacity 2 GN1/1 up to 200 mm depth or the equivalent in small GN containers.



FLEXIBLE INSERT FOR GN CONTAINERS AND MIXED WASHWARE (FLEX).

ART NO. 14454

To fit GN containers, bowls, saucepans, sieves, etc, incl 1 spare rubberband. Capacity: 2 GN1/1 up to 200 mm depth or a mix of utensils.



ADJUSTABLE INSERT FOR GN CONTAINERS AND POTS (GN/FLEX).

ART NO. 13463

Capacity: 2 GN1/1 up to 200 mm depth or 1 GN2/1 or 1-3 pots.



INSERT FOR LIDS AND TRAYS (GN SIZE).

ART NO. 6001147

To fit slightly soiled GN sized flat trays or lids. Capacity: 10 pcs



INSERT FOR LARGE TRAYS (NON GN SIZE).

ART NO. 13736

Capacity: 8 Sheet pans 655 x 450 mm, with 25 mm edge or for 8 large trays 690 x 450 mm, with 22 mm edge.



NET BASKET WITH LID.

ART NO. 21477

For ladles, whisks up to 500 mm length.



INSERT FOR BAKING SHEETS.

ART NO. 13744

600 x 400 mm, with 20 mm edge. Capacity: 8 pcs



HOLDER FOR STORAGE OF ACCESSORIES.

ART NO. 6001159

To store inserts and accessories not in use. Hung at either side of the machine.



SHORT SPRAY PIPE (GN/FLEX).

ART NO. 6000370

Short spray pipe used when washing large pots in combination with the Universal insert.



GRANULE COLLECTOR (GN/FLEX).

ART NO. 13424



SCRAPER (GN/FLEX).

ART NO. 21838

For pre scraping.

INSTALLATION.

A = Hot water 55–65 °C (cold water optional),
3–10 °dH, 5–18 °f.
1–6 bar, 15 L/min, max 6 bar static.
G ½" BSP female, flexible hose min inner ø 9 mm.

B = Cold water, 3–10 °dH, 5–18 °f.
3–6 bar, 15 L/min, max 6 bar static.
G ½" BSP female, flexible hose min inner ø 9 mm.

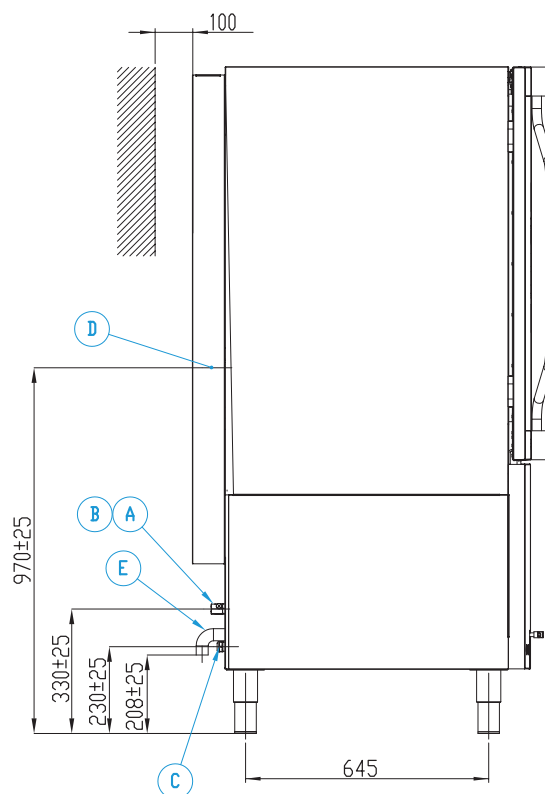
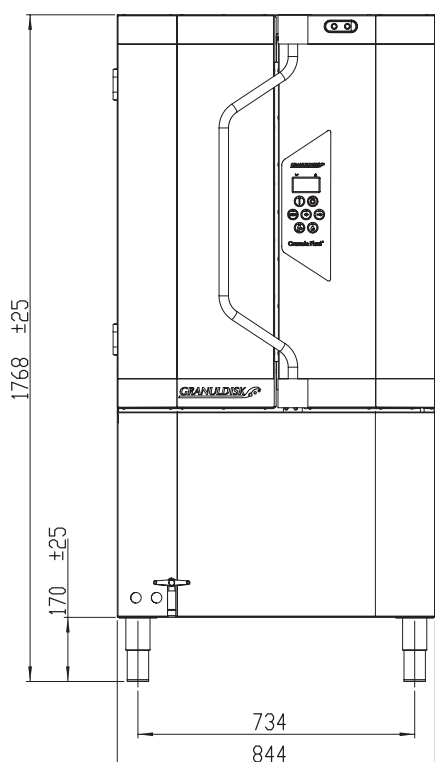
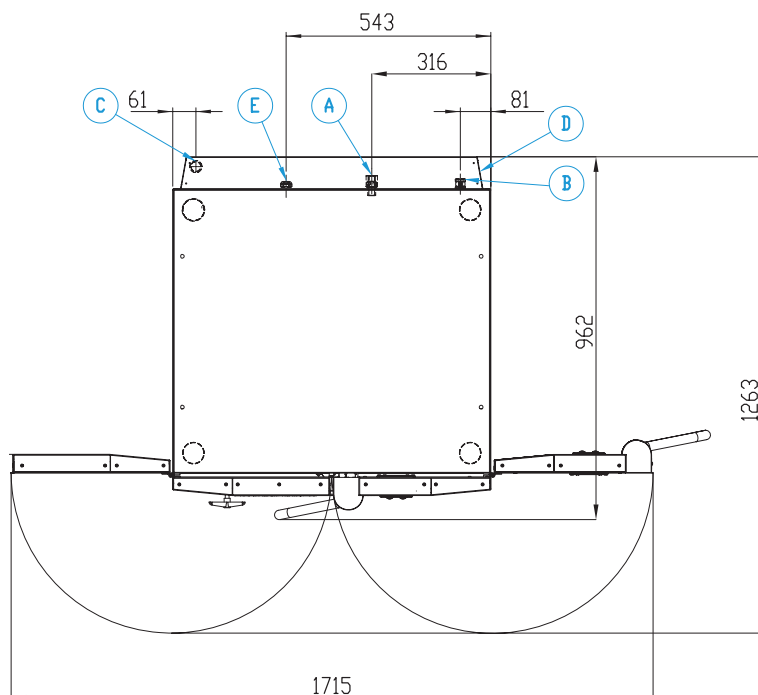
C = Drain ø 32 mm. 208 mm from floor.
Vertical pipe, capacity min 50 L/min.

D = Detergent/drying agent connection, signal
230V AC.

E = Electrical connection (technical data on page 6
or in user manual).

Other:

Ventilation capacity: With steam reduction 150 m³/h
Without steam reduction 500 m³/h.



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www.granuldisk.com